Technical Tip

Date: 26 July 2013

Business Communications Manager (BCM): Media Path Relay port range configuration.

Revision History		
Date	**Revision #**	**Summary of Changes**
26 July 2013	Original bulletin	This is the original publication

Description

Avaya would like to inform that customers should ensure RTP over UDP port ranges are configured properly for media relay service to function.

BCM smart update BCMX50.R600.SU.System-017.201304 onwards, SIP trunk calls will fail if this default port range of RTP over UDP (30000-30999) is unavailable for the media relay service.

This port range configuration is available at:

Element Manager -->Configuration-->Resources-->Port Ranges--RTP over UDP

Scope

This recommendation applies to the following BCM products, if the customer wants BCM to anchor the media

- BCM50/BCM450/SRG Release 6.0 – BCMX50.R600.SU.System-017.201304 onwards.

Design Status

The Media Path Relay feature anchors RTP media payload for all phones routing through the BCM rather than directly between end points. When used in conjunction with Local NAT compensation, the default port ranges for RTP over UDP are between 30000 and 30999.

RTP over UDP port range other than the internal port range of 28xxx is used for media relay service.

Recommended Action

Customers are advised to retain the default second port range for RTP over UDP for Media relay to function, though it can be modified (default value is 30000- 30999).

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References to Avaya include the Nortel Enterprise business, which was acquired as of December 18, 2009.
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